



# **Radio Frequency Identification**

## **AIA Update**

**December 13, 2005**



# Passive RFID: Early Implementations are Promising



- ◆ Norfolk Ocean Terminal
  - Accuracy - i.e. Misrouted Shipments (3% improvement)
  - Time Savings (39% improvement)
- ◆ USS Nassau
  - Indicated that using passive RFID in their receiving/sorting process will result in efficiencies.
- ◆ Advance Traceability & Control Transportation system (ATAC)
  - Automated receipt information collected via passive RFID identified 355 shipments worth \$12.6M where no proof of delivery information was previously recorded in the depot logistics system.
- ◆ WAL\*MART 29 Week Study
  - Reduced Out-of-Stocks by 16% by tracking cases of goods equipped with RFID tags





# DFAR Requirements for Incoming Materiel

- ◆ Final clause published September 13, 2005, effective November 14
  - Class II – Clothing and Textiles
  - Class VI – Personal Demand Items
  - Class IX – Weapon System Spare and Repair Parts
  - Class I (subclass for Prepackaged Operational Rations/MREs)
  - ...Shipped to Susquehanna and San Joaquin
- ◆ DFAR for 2006 adds additional commodities/locations:
  - Class III – Packaged Petroleum
  - Class IV – Construction/Barrier Equipment
  - Class VIII – Medical Material (not Pharmaceuticals)
  - ...Shipped to all CONUS distribution centers, three strategic aerial ports
  - Target Publication Date: TBD – coordination with OMB ongoing
- ◆ OSD SCI is providing training to the contracting community



# Rolling Out Passive RFID Across the Department

## ◆ DLA Defense Distribution Depots

- Albany, GA
- Anniston, AL
- Barstow, CA
- Cherry Point, NC
- Columbus, OH
- Corpus Christi, TX
- Ogden, UT
- Jacksonville, FL
- Oklahoma, OK
- Norfolk, VA
- Puget Sound, WA
- Red River, TX
- Richmond, VA
- San Diego, CA
- **Susquehanna, PA**
- **San Joaquin, CA**

## ◆ TRANSCOM Air Mobility Command Terminals

- Charleston, SC
- Norfolk, VA
- Fairfield, CA (Travis AFB)



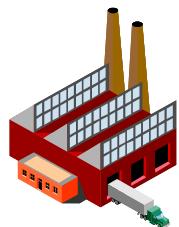
# Class of Supply to Federal Supply Class

- ◆ Our phased implementation by Class of Supply (CoS) will be linked to the Federal Supply Class (FSC). We will use the assignment of FSC to CoS based on the Defense Logistics Information Service (DLIS) analysis.
- ◆ A step-by-step process has been created to determine when a commodity is affected by the DoD RFID initiative [based on a National Stock Number (NSN) or CAGE and Part Number].
- ◆ Tables have been developed for easy look-up of Class of Supply (CoS) based on Federal Supply Class (FSC).



# GEX is the entry point for Supplier EDI transactions. Ultimately, DAAS routes the transaction to the receiving point.

Manufacturers/  
Suppliers



DLMS - 856

DoD Enterprise Capabilities

GEX

WAWF

DAAS

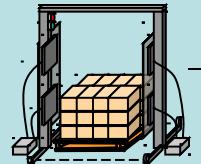
Store DLMS Transaction



LOTS Database

DLMS - 856

Tagged  
Material



RFID  
Middle  
e-  
ware      DoD  
Logistics  
AIS

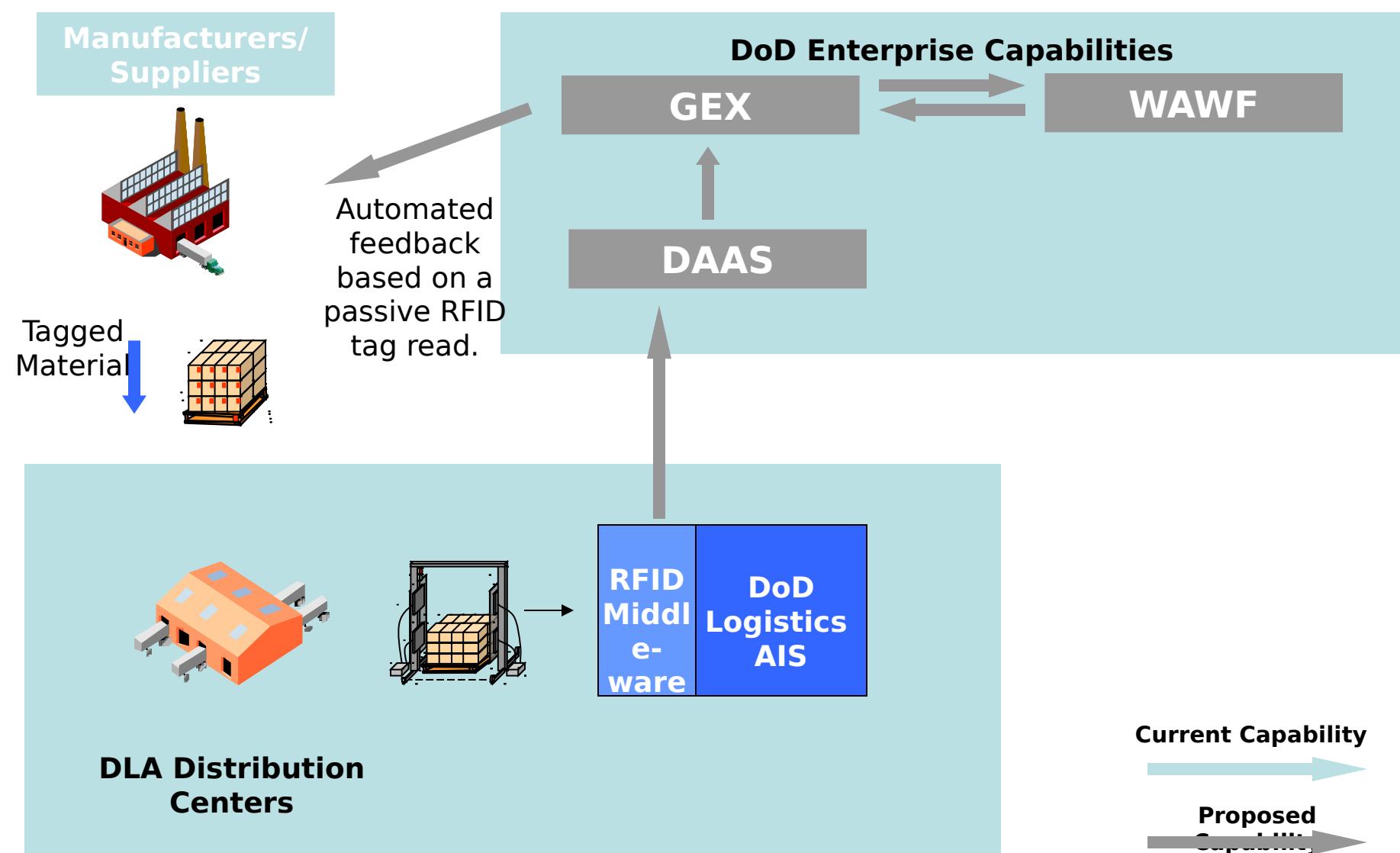
DoD Facility that can  
receive EDI  
transactions

Current Capability

Proposed  
Capability



# Investigating capabilities to send feedback to DoD suppliers when RFID tags are read at a DoD facility.





# Synchronizing Implementation Plans

- ◆ Components (Military Services, USTRANSCOM and DLA) updated individual RFID implementation plans
- ◆ Establishing O-6 level IPT (OSD lead, Services, DLA, USTRANSCOM) to synchronize plans for Department-wide implementation of RFID
- ◆ Incrementally build end-to-end RFID enabled supply chain



# PTAC Training

- ◆ **Established a formal agreement with the Procurement Technical Assistance Centers (PTAC) to provide RFID training/outreach to the DoD supplier community.**
- ◆ **Conducted 14 “Train-the-Trainer” workshops**
  - **300 counselors trained on DoD RFID Policy**
  - **94 PTAC Centers in US for local outreach to small businesses**
- ◆ **PTACs will now develop and deliver RFID assistance to DoD suppliers via a variety of methods**
  - **25 Local workshops planned for Fall 2005**
  - **1400 attendees to participate**
  - **<http://www.dla.mil/db/>**



# For Your Information

- ◆ For further information that can assist you with compliance, visit: <http://www.dodrfid.org>
  - DoD RFID Policy
  - DoD RFID Supplier Implementation Plan
  - DoD Suppliers' Passive RFID Information Guide
  - MIL-STD 129P(3) (Updated with RFID changes)
  - Wide Area Workflow (WAWF) Information
  - Frequently Asked Questions (FAQ)
  - Lessons Learned
  - Schedule of RFID Events where DoD RFID personnel will be speaking
- ◆ You can ask the team any RFID-related question through the following email address: [info@dodrfid.org](mailto:info@dodrfid.org)